

**O.P. JINDAL SCHOOL, SAVITRI NAGAR****Periodic Test – II (Round – II) 2025 – 26****Class/Section : VII / \_\_\_\_\_****MM : 20****Subject : Mathematics****Time : 1 Hr.**

Name: \_\_\_\_\_

Roll No. \_\_\_\_\_

**General Instructions:** All questions are compulsory.

- i. Questions 1 to 8 are of 1 Mark.
  - ii. Questions 9 to 11 are of 2 Marks.
  - iii. Questions 12 to 13 are of 3 Marks.
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**Section A****Multiple choice questions:**

1. In a right-angled triangle, the square on the hypotenuse \_\_\_\_\_ sum of the squares on the legs.  
a) >                      b) <                      c) =                      d) none of these
2. What is  $12\frac{1}{2}\%$  of 200?  
a) 25                      b) 12                      c) 40                      d) 100
3. 1% of 1 hour is \_\_\_\_\_.  
a) 36 minutes              b) 36 seconds              c) 0.6 hour              d) 0.6 second
4. The simple interest on Rs 2000 for 3 years at 10% p.a. is \_\_\_\_\_.  
a) Rs.60000              b) Rs. 6000              c) Rs. 600              d) none of these
5. The hypotenuse of a right triangle whose other two sides are 8 cm and 6 cm is.  
a) 14 cm                      b) 2 cm                      c) 10 cm                      d) none of these
6. By selling an article for Rs.50, a shopkeeper gains Rs.12. his gain per cent is  
a) 12%                      b) 24%                      c) 31.6%                      d) 50%
7. How many median can a triangle have?  
a) 1                              b) 2                              c) 3                              d) 0
8. If angles of a triangle are in the ratio 2:3:4 then value of the largest angle is?  
a)  $40^\circ$                       b)  $60^\circ$                       c)  $80^\circ$                       d)  $180^\circ$

### Section B

#### Answer the following:

9. The number of illiterate persons in a country decreased from 150 lakhs to 100 lakhs in 10 years. What is the percentage of decrease?
10. One of the angles of a triangle is  $80^\circ$  and the other two angles are equal. Find the measure of each of the equal angles.
11. A local cricket team played 40 matches in one season. It won 30% of them. How many matches did they lose?

OR

Find the whole quantity if 70% of it is 14 minutes.

### Section C

12. Rs. 7000 is borrowed at 3.5% rate of interest p.a. borrowed for 2 years. Find the amount to be paid at the end of the second year.

OR

An article was sold for Rs. 540 at a loss of 5%. What was its Cost Price?

13. The diagonals of a rhombus measure 16 cm and 30 cm. Find its perimeter.

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